

ABSTRACT

A liquid delivery device comprises a flow channel for flowing a liquid, at least two pressure-generating means for generating pressures provided in the flow channel, and a variable member placed between the pressure-generating means and capable of transforming between a first stable state and a second stable state by a generated pressure; the device serving to select a branch of the flow channel by transforming the variable member into the first stable state or the second stable state. A valve for changeover of flow channel branches comprises a variable member placed between pressure-generating means and transformable between a first stable state and a second stable state by a generated pressure, the valve serving to select a branch of flow channel branches by the variable member.